


**DK-BIC-35**

Order No.: 2749880

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2749880>

Feed-through terminal block for VAL and FLT applications

**Commercial data**

GTIN (EAN)	
sales group	J091
Pack	1 pcs.
Customs tariff	85363010
Catalog page information	Page 56 (TT-2009)

**Product notes**WEEE/RoHS-compliant since:  
04/27/2006

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**Technical data****General**

Type of connection	Screw connection
Connection type IN	Biconnect screw terminal block
Connection type OUT	Biconnect screw terminal block
Screw thread	M5
Tightening torque, min	4.5 Nm

Stripping length	14.5 mm
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section solid min.	35 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	2
Rated voltage	500 V AC/DC
Nominal current I <sub>N</sub>	125 A (30°C)
Lightning test current (10/350) μs, charge	50 As
Lightning test current (10/350) μs, specific energy	2.50 MJ/Ω
Lightning test current (10/350) μs, peak value I <sub>imp</sub>	100 kA
Maximum continuous voltage UC	500 V AC/DC
Ambient temperature (operation)	-40 °C ... 85 °C
Housing material	PA 6.6-FR
Inflammability class acc. to UL 94	V0
Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1
Standards/regulations	IEC 61643-1
	DIN EN 61643-11
	IEC 60947-7-1
Mounting type	DIN rail: 35 mm
Design	Rail-mountable module, one-piece
Degree of protection	IP20
Length	89.80 mm
Width	17.70 mm
Height	65.50 mm
Color	black

#### Certificates / Approvals

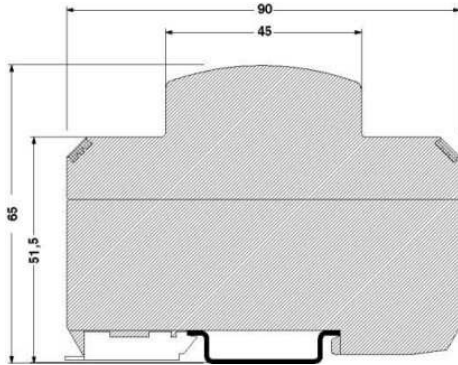


Certification

GOST, KEMA, UL

## Diagrams/Drawings

### Dimensioned drawing



### Circuit diagram



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